

1132 U.S. PTO  
08/07/01

98-08-C1 A

PTO/SB/05 (03-01)

Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                         |                                     |
|-------------------------|-------------------------------------|
| Attorney Docket No.:    | 1894                                |
| First Inventor:         | Crossman et al.                     |
| Title:                  | Compositions For Controlled Release |
| Express Mail Label No.: | EL569393835US                       |

01  
08/07/01  
09/926179

| APPLICATION ELEMENTS   |  | ADDRESS TO: Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231                       |                                   |            |
|--|--|--|-----------------------------------|------------|
| <p>See MPEP chapter 800 concerning utility patent application contents</p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)]<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>21</u>] (preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D               <ul style="list-style-type: none"> <li>- Reference to sequence listing, a table, or computer program listing appendix</li> </ul> </li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>      </u>]</p> <p>5. <input type="checkbox"/> Oath or Declaration [Total Pages <u>      </u>]           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>6. Application Data Sheet. See 37 CFR 1.76</p> |  |  |                                   |            |
| <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>  |  |  |                                   |            |
| ACCOMPANYING APPLICATION PARTS   |  |  |                                   |            |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other _____</p>  |  |  |                                   |            |
| <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a Preliminary Amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No. <u>      </u>/ <u>      </u></p> <p>Prior application information: Examiner _____ Group/Art Unit: _____</p> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an Oath or Declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying Continuation or Divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>   |  |  |                                   |            |
| 19. CORRESPONDENCE ADDRESS   |  |  |                                   |            |
| <input type="checkbox"/> Customer Number or Bar Code Label   |  | <input type="checkbox"/> Correspondence address below<br>(Insert Customer No. or Attach bar code label here) |                                   |            |
| Name   | Karen G. Kaiser  |  |                                   |            |
| Address  | NATIONAL STARCH AND CHEMICAL COMPANY<br>10 Finderne Avenue |  |                                   |            |
| City   | Bridgewater  | State  | New Jersey                        |            |
| Country  | U.S.A.   | Telephone:   | 908-575-6152                      |            |
| Name (Print/Type)  | Karen G. Kaiser  |  | Registration No. (Attorney/Agent) | 33,506     |
| Signature  | <i>Karen G. Kaiser</i>                                     |  | Date                              | 7 Aug 2001 |
|  |  |  | August 7,2001                     |            |

# FEE TRANSMITTAL for FY 2001

Parent fees are subject to annual review.

**TOTAL AMOUNT OF PAYMENT** \$ 710.00

Complete if Known

|                    |                 |
|--------------------|-----------------|
| Application Number |                 |
| Filing Date        |                 |
| Attorney Name      | Crossman et al. |
| Examiner Name      |                 |
| Group Art Unit     |                 |
| Attorney Docket No | 1894            |

## METHOD OF PAYMENT

|   |                                      |                                      |                                |
|---|--------------------------------------|--------------------------------------|--------------------------------|
| 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: |                                      |                                      |                                |
| Deposit Account Number 14-0455  |                                      |                                      |                                |
| Decommissioned Account Number _____   |                                      |                                      |                                |
| Charge and Additional Fee Required Under 37 CFR 1.16 and 1.17   |                                      |                                      |                                |
| Additional Claims (Small Entity Rate) See 37 CFR 1.16   |                                      |                                      |                                |
| 2. Payment Enclosed:  |                                      |                                      |                                |
| <input type="checkbox"/> Check  | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> Other |

## FEES CALCULATION

### 1. BASIC FILING FEE

| Large Entity                 | Small Entity    | Fee             | Fee             | Fee             | Fee             | Fee Description        | Fee Paid |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------|----------|
| Code \$1                     | Code \$1        | Code \$1        | Code \$1        | Code \$1        | Code \$1        | Code \$1               | Code \$1 |
| 101 710 001 055              | 101 710 001 055 | 101 710 001 055 | 101 710 001 055 | 101 710 001 055 | 101 710 001 055 | Design filing fee      | 710.00   |
| 106 000 006 160              | 106 000 006 160 | 106 000 006 160 | 106 000 006 160 | 106 000 006 160 | 106 000 006 160 | Design filing fee      |          |
| 107 490 001 045              | 107 490 001 045 | 107 490 001 045 | 107 490 001 045 | 107 490 001 045 | 107 490 001 045 | Plant filing fee       |          |
| 108 710 003 055              | 108 710 003 055 | 108 710 003 055 | 108 710 003 055 | 108 710 003 055 | 108 710 003 055 | Reseal filing fee      |          |
| 114 160 014 155              | 114 160 014 155 | 114 160 014 155 | 114 160 014 155 | 114 160 014 155 | 114 160 014 155 | Provisional filing fee |          |
| <b>SUBTOTAL 1: \$ 710.00</b> |                 |                 |                 |                 |                 |                        |          |

### 2. EXTRA CLAIM FEES

| Total Claims                | Extra Claims | Fee from | Fee Paid |
|-----------------------------|--------------|----------|----------|
| 19                          | 0            | \$ 0.00  | 0.00     |
| Independent Claims          | 1            | \$ 0.00  | 0.00     |
| Multiple Independent Claims | 0            | \$ 0.00  | 0.00     |

### Large Entity Small Entity

| Fee                        | Fee            | Fee            | Fee Description                                    |
|----------------------------|----------------|----------------|--|
| Code \$1                   | Code \$1       | Code \$1       | Code \$1   |
| 01 045 000 155             | 01 045 000 155 | 01 045 000 155 | Claims in excess of 20                             |
| 01 045 000 160             | 01 045 000 160 | 01 045 000 160 | Independent claims in excess of 20                 |
| 01 045 000 175             | 01 045 000 175 | 01 045 000 175 | Multiple independent claims in excess of 20        |
| 01 045 000 180             | 01 045 000 180 | 01 045 000 180 | Provisional applications filed prior to 10/01/2000 |
| 01 045 000 185             | 01 045 000 185 | 01 045 000 185 | Provisional applications filed after 10/01/2000    |
| <b>SUBTOTAL 2: \$ 0.00</b> |                |                |  |

## FEES CALCULATION (continued)

| 3. ADDITIONAL FEES    | Large Entity          | Small Entity          | Fee Description   | Fee Paid |
|-----------------------|-----------------------|-----------------------|---|----------|
| 106 100 003 160       | 106 100 003 160       | 106 100 003 160       | Surcharge - late filing fee or late   |          |
| 107 000 017 060       | 107 000 017 060       | 107 000 017 060       | Surcharge - late provisional filing fee or late   |          |
| 108 100 003 100       | 108 100 003 100       | 108 100 003 100       | Surcharge - late examination  |          |
| 147 0 600 147 0 600   | 147 0 600 147 0 600   | 147 0 600 147 0 600   | Requesting a reexamination  |          |
| 148 0 601 148 0 601   | 148 0 601 148 0 601   | 148 0 601 148 0 601   | Requesting publication of S.P. priority   |          |
| 149 0 8401 149 0 8401 | 149 0 8401 149 0 8401 | 149 0 8401 149 0 8401 | Requesting publication by P. Examiner   |          |
| 150 100 018 060       | 150 100 018 060       | 150 100 018 060       | Extension for reply within first month  |          |
| 151 100 018 160       | 151 100 018 160       | 151 100 018 160       | Extension for reply within second month   |          |
| 152 100 019 060       | 152 100 019 060       | 152 100 019 060       | Extension for reply within third month  |          |
| 153 100 019 160       | 153 100 019 160       | 153 100 019 160       | Extension for reply within fourth month   |          |
| 154 100 020 060       | 154 100 020 060       | 154 100 020 060       | Extension for reply within fifth month  |          |
| 155 100 020 160       | 155 100 020 160       | 155 100 020 160       | Extension for reply within sixth month  |          |
| 156 100 021 060       | 156 100 021 060       | 156 100 021 060       | Notice of Appeal  |          |
| 157 100 020 060       | 157 100 020 060       | 157 100 020 060       | Requesting publication of an appeal   |          |
| 158 100 021 015       | 158 100 021 015       | 158 100 021 015       | Request for oral hearing  |          |
| 159 100 021 040       | 159 100 021 040       | 159 100 021 040       | Request to institute a civil cause proceeding   |          |
| 160 100 021 060       | 160 100 021 060       | 160 100 021 060       | Request to review a civil cause   |          |
| 161 100 021 080       | 161 100 021 080       | 161 100 021 080       | Particulars relative to claim   |          |
| 162 100 021 100       | 162 100 021 100       | 162 100 021 100       | Waiver of service of issue  |          |
| 163 100 020 000       | 163 100 020 000       | 163 100 020 000       | Design source   |          |
| 164 100 024 000       | 164 100 024 000       | 164 100 024 000       | Printable fee   |          |
| 165 100 020 000       | 165 100 020 000       | 165 100 020 000       | Request to be Commissioner  |          |
| 166 100 020 050       | 166 100 020 050       | 166 100 020 050       | Requesting a letter or issue  |          |
| 167 100 020 070       | 167 100 020 070       | 167 100 020 070       | Publication of trademark or service mark  |          |
| 168 100 020 090       | 168 100 020 090       | 168 100 020 090       | Publication of design or pattern  |          |
| 169 100 020 110       | 169 100 020 110       | 169 100 020 110       | Publication of plant  |          |
| 170 100 020 130       | 170 100 020 130       | 170 100 020 130       | Request for registration of a mark  |          |
| 171 100 020 150       | 171 100 020 150       | 171 100 020 150       | Request for registration of a design  |          |
| 172 100 020 170       | 172 100 020 170       | 172 100 020 170       | Request for registration of a pattern   |          |
| 173 100 020 190       | 173 100 020 190       | 173 100 020 190       | Request for registration of a plant   |          |
| 174 100 020 210       | 174 100 020 210       | 174 100 020 210       | Request for registration of a service mark  |          |
| 175 100 020 230       | 175 100 020 230       | 175 100 020 230       | Request for registration of a trademark   |          |
| 176 100 020 250       | 176 100 020 250       | 176 100 020 250       | Request for registration of a design mark   |          |
| 177 100 020 270       | 177 100 020 270       | 177 100 020 270       | Request for registration of a pattern mark  |          |
| 178 100 020 290       | 178 100 020 290       | 178 100 020 290       | Request for registration of a plant mark  |          |
| 179 100 020 310       | 179 100 020 310       | 179 100 020 310       | Request for registration of a service plant mark  |          |
| 180 100 020 330       | 180 100 020 330       | 180 100 020 330       | Request for registration of a trademark for a plant   |          |
| 181 100 020 350       | 181 100 020 350       | 181 100 020 350       | Request for registration of a design for a plant  |          |
| 182 100 020 370       | 182 100 020 370       | 182 100 020 370       | Request for registration of a pattern for a plant   |          |
| 183 100 020 390       | 183 100 020 390       | 183 100 020 390       | Request for registration of a service plant for a plant   |          |
| 184 100 020 410       | 184 100 020 410       | 184 100 020 410       | Request for registration of a trademark for a service plant   |          |
| 185 100 020 430       | 185 100 020 430       | 185 100 020 430       | Request for registration of a design for a service plant  |          |
| 186 100 020 450       | 186 100 020 450       | 186 100 020 450       | Request for registration of a pattern for a service plant   |          |
| 187 100 020 470       | 187 100 020 470       | 187 100 020 470       | Request for registration of a service plant for a service plant   |          |
| 188 100 020 490       | 188 100 020 490       | 188 100 020 490       | Request for registration of a trademark for a service plant for a plant   |          |
| 189 100 020 510       | 189 100 020 510       | 189 100 020 510       | Request for registration of a design for a service plant for a service plant  |          |
| 190 100 020 530       | 190 100 020 530       | 190 100 020 530       | Request for registration of a pattern for a service plant for a service plant   |          |
| 191 100 020 550       | 191 100 020 550       | 191 100 020 550       | Request for registration of a service plant for a service plant for a plant   |          |
| 192 100 020 570       | 192 100 020 570       | 192 100 020 570       | Request for registration of a trademark for a service plant for a service plant for a service plant   |          |
| 193 100 020 590       | 193 100 020 590       | 193 100 020 590       | Request for registration of a design for a service plant for a service plant for a service plant  |          |
| 194 100 020 610       | 194 100 020 610       | 194 100 020 610       | Request for registration of a pattern for a service plant for a service plant for a service plant   |          |
| 195 100 020 630       | 195 100 020 630       | 195 100 020 630       | Request for registration of a service plant for a service plant for a service plant for a plant   |          |
| 196 100 020 650       | 196 100 020 650       | 196 100 020 650       | Request for registration of a trademark for a service plant for a service plant for a service plant for a service plant   |          |
| 197 100 020 670       | 197 100 020 670       | 197 100 020 670       | Request for registration of a design for a service plant for a service plant for a service plant for a service plant  |          |
| 198 100 020 690       | 198 100 020 690       | 198 100 020 690       | Request for registration of a pattern for a service plant for a service plant for a service plant for a service plant   |          |
| 199 100 020 710       | 199 100 020 710       | 199 100 020 710       | Request for registration of a service plant for a service plant for a service plant for a service plant for a plant   |          |
| 200 100 020 730       | 200 100 020 730       | 200 100 020 730       | Request for registration of a trademark for a service plant   |          |
| 201 100 020 750       | 201 100 020 750       | 201 100 020 750       | Request for registration of a design for a service plant  |          |
| 202 100 020 770       | 202 100 020 770       | 202 100 020 770       | Request for registration of a pattern for a service plant   |          |
| 203 100 020 790       | 203 100 020 790       | 203 100 020 790       | Request for registration of a service plant for a plant   |          |
| 204 100 020 810       | 204 100 020 810       | 204 100 020 810       | Request for registration of a trademark for a service plant   |          |
| 205 100 020 830       | 205 100 020 830       | 205 100 020 830       | Request for registration of a design for a service plant  |          |
| 206 100 020 850       | 206 100 020 850       | 206 100 020 850       | Request for registration of a pattern for a service plant   |          |
| 207 100 020 870       | 207 100 020 870       | 207 100 020 870       | Request for registration of a service plant for a plant   |          |
| 208 100 020 890       | 208 100 020 890       | 208 100 020 890       | Request for registration of a trademark for a service plant   |          |
| 209 100 020 910       | 209 100 020 910       | 209 100 020 910       | Request for registration of a design for a service plant  |          |
| 210 100 020 930       | 210 100 020 930       | 210 100 020 930       | Request for registration of a pattern for a service plant   |          |
| 211 100 020 950       | 211 100 020 950       | 211 100 020 950       | Request for registration of a service plant for a plant   |          |
| 212 100 020 970       | 212 100 020 970       | 212 100 020 970       | Request for registration of a trademark for a service plant   |          |
| 213 100 020 990       | 213 100 020 990       | 213 100 020 990       | Request for registration of a design for a service plant  |          |
| 214 100 020 1010      | 214 100 020 1010      | 214 100 020 1010      | Request for registration of a pattern for a service plant   |          |
| 215 100 020 1030      | 215 100 020 1030      | 215 100 020 1030      | Request for registration of a service plant for a plant   |          |
| 216 100 020 1050      | 216 100 020 1050      | 216 100 020 1050      | Request for registration of a trademark for a service plant   |          |
| 217 100 020 1070      | 217 100 020 1070      | 217 100 020 1070      | Request for registration of a design for a service plant  |          |
| 218 100 020 1090      | 218 100 020 1090      | 218 100 020 1090      | Request for registration of a pattern for a service plant   |          |
| 219 100 020 1110      | 219 100 020 1110      | 219 100 020 1110      | Request for registration of a service plant for a plant   |          |
| 220 100 020 1130      | 220 100 020 1130      | 220 100 020 1130      | Request for registration of a trademark for a service plant                     |          |
| 221 100 020 1150      | 221 100 020 1150      | 221 100 020 1150      | Request for registration of a design for a service plant                        |          |
| 222 100 020 1170      | 222 100 020 1170      | 222 100 020 1170      | Request for registration of a pattern for a service plant                       |          |
| 223 100 020 1190      | 223 100 020 1190      | 223 100 020 1190      | Request for registration of a service plant for a plant                         |          |
| 224 100 020 1210      | 224 100 020 1210      | 224 100 020 1210      | Request for registration of a trademark for a service plant |          |
| 225 100 020 1230      | 225 100 020 1230      | 225 100 020 1230      | Request for registration of a design for a service plant    |          |
| 226 100 020 1250      | 226 100 020 1250      | 226 100 020 1250      | Request for registration of a pattern for a service plant   |          |
| 227 100 020 1270      | 227 100 020 1270      | 227 100 020 1270      | Request for registration of a service plant for a plant     |          |
| 228 100 020 1290      | 228 100 020 1290      |                       |   |          |